

REFERENCES

- American Conference of Governmental Industrial Hygienists, Inc. (ACGIH). 1991. Documentation of the Threshold Limit Values and Biological Response Indices, 6th ed.
- Agency for Toxic Substances and Disease Registry (ATSDR). 1998. Petitioned Public Health Assessment for Kings Creek (a/k/a Fort Belknap Indian Reservation/Zortman Mining Incorporated), 27 p.
- Algermissen et. al. 1990. Probabilistic Earthquake Acceleration and Velocity Maps for the U.S. and Puerto Rico. Miscellaneous U.S. Geological Survey Field Studies.
- Alverson, D.C. 1965. Geology and Hydrology of the Fort Belknap Indian Reservation, Montana. U.S. Geological Survey Water-Supply Paper 1576-F, 59 p.
- Badman, B.T. and D.A. Daniel. 1996. Hydraulic Conductivity of Desiccated Geosynthetic Clay Liners. Journal of Geotechnical Engineering, Vol. 122, No. 3, pp. 204-208.
- Bighorn Environmental Sciences. 2000. Revegetation Investigation and Revegetation Prescriptions For Zortman-Landusky Mine Sites. Presented to Technical Working Group. September 21, 32 pp. + appendices.
- Botz, M.K., and A. Gartner. 1978. Water Resources of the Zortman-Landusky Mining Areas, for Zortman and Landusky Mining Companies, Inc., Zortman, Montana by Western Technology and Engineering, Inc., Helena, MT, 71p.
- Briar, D.W. and D.J. Oellermann. 1993. Hydrology of Valley Fill and Potential for Additional Ground-Water Withdrawals along the North Flank of the Little Rocky Mountains, Fort Belknap Indian Reservation, North-Central Montana. U.S. Geological Survey Water-Resources Investigations Report 92-4162, 86 p.
- British Columbia Acid Mine Drainage Task Force (BC Research). 1989. Draft Acid Rock Drainage Technical Guide, Volume 1. Prepared by Steffen Robertson and Kirsten (B.C.), Inc. August.
- Bryant, Frank B. 1953. History and Development of the Landusky Mining District, Little Rocky Mountains, Montana. Published in Guidebook, 4th Annual Field Conference, Billings Geological Society, 1953.

- Chadwick Ecological Consultants Inc. 1996. Preliminary Biological Assessment of Streams in the Little Rocky Mountains, Montana. Unpublished report. Chadwick Ecological Consultants Inc., Littleton, CO. pp. 1-36.
- Cooper, J.M. 1957. The Gros Ventres of Montana: Part II Religion and Ritual. Washington, D.C.: The Catholic University of America Press.
- Culwell, L.D., K.L. Scow, L.A. Larsen, and Candace Durran. 1990. Vegetation Resources of the Little Rocky Mountains Environmental Study Area. Prepared for Zortman Mining, Inc., Billings, Montana by Western Technology & Engineering, Inc., Helena, Montana.
- Daubenmire, R. 1959. A Canopy-Coverage Method of Vegetational Analysis. *Northwest Sci.* 33(1):43-64.
- Deaver, S. and K. Kooistra. 1992. Ethnographic Overview of the Little Rocky Mountains, Montana. Prepared for Pegasus Gold Corporation. Helena, Montana, November.
- Dorn, R. 1992. Vascular Plants of Wyoming. Cheyenne: Mountain West Publishing, 338 pp.
- Downey and Dinwiddie. 1988. The Regional Aquifer System Underlying the Northern Great Plains in Parts of Montana, North Dakota, South Dakota, and Wyoming - Summary. U.S. Geological Survey Professional Paper 1402-A.
- Feltis, R.D. 1983. Groundwater Resources of the Fort Belknap Indian Reservation, North-Central Montana. Montana Bureau of Mines and Geology Memoir 53, 35 p.
- Fenneman, Nevin. 1931. Physiography of Western United States. New York: McGraw-Hill Inc.
- Flannery, R. (Hertzfeld). 1953. The Gros Ventre of Montana: Part I Social Life. Washington, D.C.: The Catholic University of America Press.
- Flemmer, Dan. 1990. Sacred Sites in the Little Rocky Mountains. Report and Maps on File. Bureau of Land Management, Phillips Resource Area, Malta, Montana.
- Flemmer, Dan. 1991. Cultural Resources Class III Inventory Report for Zortman Mining, Inc. Exploration Areas in the Little Rocky Mountains. Report on File. Bureau of Land Management, Phillips Resource Area, Malta, Montana.

- Fort Belknap. 1999. Letter dated March 4, 1999, from Mr. Joseph McConnell, President, Fort Belknap Indian Community Council, to Mr. Richard Hotaling, BLM Field Manager, Malta, MT regarding consultation on reclamation and transmitting Fort Belknap's *Alternative Final Reclamation and Closure Plan for the Zortman and Landusky Mine, MT*, January 1999.
- Fowler, L. 1984. Political Middlemen and the Headman Tradition among the Twentieth-Century Gros Ventres of Fort Belknap Reservation. *Journal of the West*, 23:54-63.
- Fowler, L. 1987. *Shared Symbols, Contested Meanings - Gros Ventre Culture and History, 1778-1984*. Ithaca: Cornell University Press.
- Gallagher, K. 1997. Analog Range Determination, MPDES Permit Application for the Zortman and Landusky Mines. Prepared for Zortman Mining, Inc. June.
- Gallagher, K. 1999. Zortman and Landusky Mines, Comparison of the Final Environmental Impact Statement, ATSDR Public Health Assessment, and Groundwater Study. Report to the BLM.
- Golder Associates, Inc. 1996. Zortman Mine Expansion - Waste Rock Cap and Pit Recontour Alternative. Report to Zortman Mining, Inc. January.
- Hydrometrics, Inc. 1991. Baseline Water Resources Monitoring Plan, Zortman Mining Areas. In Appendix 8, Application for Amendment to Operating Permit No. 00096, Zortman Mining, Inc. May, 1992.
- Hydrometrics, Inc. 1995. Summary Report of the October 1994 Draft Water Quality Improvement and Monitoring Compliance Plan Zortman Mining, Inc. Prepared for Zortman Mining, Inc. May.
- HydroSolutions (HSI) and Spectrum Engineering. 2000. Goslin Flats Land Application Disposal Expansion Assessment and 2000-2001 Plan of Operations. Presented to Technical Working Group. September 19, 55 pp. + app.
- HydroSolutions (HSI) and Gallagher. 2001. Supporting documentation for Zortman and Landusky SEIS.
- IMPLAN Input-Output Modelling System. 1999. See *Minnesota IMPLAN Group, Inc. (MIG, Inc.)*.
- Kroeber, Alfred A. 1908. Ethnology of the Gros Ventre. *Anthropological Papers of the American Museum of Natural History* I(4): 145-287.

- Malone, M. P. and R. B. Roeder. 1976. *Montana: The History of Two Centuries*. Seattle: University of Washington.
- McConnell, Virgil F. 1990. Affidavit; deposition taken for an Amendment 10 IBLA Appeal in Liberty County, Montana re: past and present ceremonial and other activities in the Little Rocky Mountains. August 9.
- Melton, Douglas A. 1990. *Archaeological Investigations in the Shadow of the Little Rocky Mountains: A Cultural Resource Inventory of the Bear Gulch Road, Phillips County, Montana*. BIA Report No. 256BAO/FB-90. Prepared for Billings, Montana Area Office of the Bureau of Indian Affairs.
- Melton, Douglas A. 1993. *The Identification of Historic Properties in the Little Rocky Mountains, Phillips County, Montana: A Summary of National Register Eligibility Recommendations*. Phillips Resource Area, Malta, Montana. October.
- MEND (in progress). Peer Review on Covers Made with Non-Traditional Materials and Solid Waste Compost. MEND Report 2.21.3b currently in progress.
- Meyer, P.D. and G.W. Gee. 1999. Flux-based Estimation of Field Capacity. *Journal of Geotechnical and Geoenvironmental Engineering*, Vol. 125, pp. 595-599.
- Miller, D.R. 1987. *Montana Assiniboine Identity: A Cultural Account of an American Indian Ethnicity*. Thesis (PHD) Indiana University.
- Miller, R.A.. 1995. Memo regarding Zortman/Landusky geochemistry to DEQ, Scott Haight, BLM Lewistown, and Jim Robinson - EIS Coordinator DEQ, Helena, Montana, June 12.
- Minnesota IMPLAN Group, Inc. 1999. *1996 IMPLAN Data. Version 2.23.99*. Stillwater, Minnesota.
- Montana Department of Labor and Industry, Office of Research and Analysis. Various years(a). *Covered Employment and Wages - Annual Average*. Helena, Montana.
- Montana Department of Labor and Industry, Office of Research and Analysis. Various years (b). *Montana Labor Force by Reservation - Annual Average*. Helena, Montana.
- Montana Department of State Lands (DSL). 1979a. *Draft Environmental Impact Statement, Proposed Plan of Mining and Reclamation, Zortman Mining Company and Landusky Mining Company, Phillips County, Montana*. Helena, Montana.

- Montana Department of State Lands (DSL). 1979b. Final EIS documentation (responses to comments on the Draft EIS and adoption of the Draft as Final). Zortman Mining Company and Landusky Mining Company. Helena, Montana. May 17.
- Montana Department of State Lands (DSL). 1993. Three letters to ZMI regarding water quality problems. January 15 and 21, and February 3.
- Montana Department of State Lands/USDI, Bureau of Land Management (DSL/BLM). 1994. Decision Record. Operating and Reclamation Plan Modifications for Acid Rock Drainage Control and Remediation, Landusky Mine. Signed by BLM District Manager February 25. Signed by DSL Commissioner March 4.
- Morris, C.E. and J.C. Stormont. 1997. Capillary Barriers and Subtitle D Covers: Estimating Equivalency. *Journal of Environmental Engineering*, Vol. 123, pp. 1-10.
- NIOSH. 1999. Material Properties Affecting the Stability of a 50-Year-Old Rock Dump in an Active Mine. Report of Investigations 9651. December.
- Noel, D., and M. Houlton. 1991. Soil Survey, Little Rocky Mountains Environmental Study Area, Phillips County, Montana, 58 pp. + addendum.
- O’Kane, D. Porterfield, M. Endersby and M.D. Haug. 2000. Cover System to Mitigate ARD in an Arid Climate – Setup of Field Test Plots at BHP Iron Ore’s Mt. Whaleback Operation. *Mining Engineering*, February. pp. 51-56.
- O’Neil, J. M. and D.A. Lopez. 1985. Character and Regional Significance of Great Falls Tectonic Zone, East-central Idaho and West-central Montana. *American Association of Petroleum Geologist Bulletin*. B.69, p. 437-447.
- Parker, Patricia L. and Thomas F. King. 1990. Guidelines for Evaluating and Documenting Traditional Cultural Properties. *National Register Bulletin* 38. Washington, D.C.: National Park Service.
- Prodgers, R. A. 2000. Revegetation Investigation and Revegetation Prescriptions for Zortman-Landusky Mine Sites, 32 pp. + appendices.
- Rauscher, R.L. 2000. Species Accounts of Selected Bureau of Land Management Sensitive Status Species in Montana. Unpublished Report. Montana Fish, Wildlife & Parks, Non-game Program. Bozeman, MT. pp 257-262.
- Ray, Verne F. 1975. Anthropological Considerations Relating to the Indians of the Fort Belknap Reservation. Indian Claims Commission Dockets 279-C and 250-A. Clearwater Publishing.

- Robertson GeoConsultants. 1999. Field Reconnaissance and Laboratory Testing Program for the Zortman/Landusky Reclamation Project: Draft Progress Report. Report 075001/1. Presented to Technical Working Group, December 9. 10 pp. + appendices.
- Robertson GeoConsultants. 2000a. Proposed Sampling/Testing Plan For Leach Pad Reclamation At The Zortman/Landusky Mine Sites. Report 075001/4. Presented to Technical Working Group, July 25. 14 pp. + appendices.
- Robertson GeoConsultants. 2000b. Results of the Drilling Program and Laboratory Testing for the Zortman/Landusky Reclamation Project: Draft Progress Report II. Report 075001/2. Presented to Technical Working Group, March 23. 12 pp. + appendices.
- Robertson GeoConsultants. 2000c. Phase II Cover Performance Modeling, Zortman & Landusky Mine Sites, Montana. Report No. 075001/7 prepared for Spectrum Engineering, December 2000.
- Robertson GeoConsultants. 2000d. Updated Load Predictions and New Concentration Predictions for Each of the Reclamation Alternatives on the Zortman and Landusky Mines. Presented to Technical Working Group, November 27. 28 pp.
- Russell, Charles W. 1991a. Geology of the Central Portion of the Little Rocky Mountains (Phillips County, Montana). In Appendix 2, Application for Amendment to Operating Permit No. 00096.
- Russell, Charles. 1991b. Gold Mineralization in the Little Rocky Mountain, Phillips County, Montana. Montana Bureau of Mines and Geology, Special Publication 100.
- Slagle, S.E., and P.K. Christensen. 1993. Reconnaissance of the Hydrology of Sandstone and Limestone Aquifers Along the Northwest Flank of the Little Rocky Mountains, Fort Belknap Indian Reservation, North-Central Montana. U.S. Geological Survey Water-Resources Investigations Report 93-4193, 66 p.
- Spectrum Engineering, HydroSolutions, Robertson GeoConsultants. 2000a. Zortman Mine Water Balance and Chemical Mass Loading. Presented to Technical Working Group, April 18. 22 pp. + appendices.
- Spectrum Engineering, HydroSolutions, Robertson GeoConsultants. 2000b. Landusky Mine Water Balance and Chemical Mass Loading. Presented to Technical Working Group. July 25. 27 pp. + app.

- Spectrum Engineering. 2000c. Final Report on the Landusky Mine's Hydrologic Impact to King Creek and Swift Gulch. January 23, 2001; 21 pp. + app.
- Spectrum Engineering. 2000d. Spectrum Employees as of October 5, 2000. Unpublished spreadsheet, October.
- Spectrum Engineering. 2000e. Zortman and Landusky Yearly Reclamation Expenditures and Water Treatment Plant Costs - Economic Analysis Fact Sheet. Unpublished spreadsheet, October.
- Spectrum Engineering. 2001a. Preliminary Rough Economics for New Zortman Alternative. Unpublished spreadsheet, January.
- Spectrum Engineering. 2001b. Potential Landusky L5 Variations. Presented to Technical Working Group, January 27. 4 pp.
- Spectrum Engineering. 2001c. Addendum to the Report on the Landusky Mine's Hydrologic Impact to King Creek and Swift Gulch. October 31, 2001; 4 pp. + maps.
- Strahn, Derek. 1992. Asking for Survival: The Environmental Implications of Cultural Revitalization on the Fort Belknap Reservation. A professional paper in partial fulfillment of the requirements of an M.A. in History at Montana State University, Bozeman, Montana. April 20.
- Strahn, Derek 1993. After the Gold Rush: Gold Mining and Cultural Adaptation on the Fort Belknap Reservation, 1884-1936. Unpublished Paper presented at the Pacific Northwest History Conference, Eugene, Oregon.
- USDI, Bureau of Land Management (BLM). 1979. Draft Missouri Breaks Grazing Management Environmental Statement, adopted as Final August, 1979. Montana State Office, Billings, Montana.
- USDI, Bureau of Land Management (BLM). 1992. Final Judith Valley Phillips Resource Management Plan EIS, Montana State Office, Billings, Montana.
- USDI, Bureau of Land Management (BLM). 1993. Letter to ZMI regarding BLM State Director's decision requiring modifications to prevent unnecessary and undue degradation. April 13.
- USDI, Bureau of Land Management (BLM)/Montana Department of Environmental Quality (DEQ). 1995. Draft Environmental Impact Statement - Zortman and Landusky Mines Reclamation Plan Modifications and Mine Life Extensions.

- USDI, Bureau of Land Management (BLM)/Montana Department of Environmental Quality, 1996. Final Environmental Impact Statement (FEIS) - Zortman and Landusky Mines Reclamation Plan Modifications and Mine Life Extensions.
- USDI, Bureau of Land Management (BLM). 2000a. Memorandum to Agency Files regarding Determination of Need to Prepare a Supplemental EIS for Final Reclamation and Closure of the Zortman/Landusky Mines. April 5.
- USDI, Bureau of Land Management (BLM)/USDA Forest Service. 2001. Off-Highway Vehicle Environmental Impact Statement and Proposed Plan Amendment for Montana, North Dakota and Portions of South Dakota. January. BLM Montana State Office, Billings, Montana.
- Van Bruggen, T. 1976. The Vascular Plants of South Dakota. Ames: Iowa State Univ. Press, 539 pp.
- Water Management Consultants, Inc. 1995. Landusky Project - Preliminary Assessment of Groundwater Conditions for the Expanded August Pit, May.
- Water Management Consultants, Inc. (WMCI). 1998. Zortman/Landusky Project Draft Summary Report for the Groundwater Investigation.
- Womack and Associates. 2000a. Stability Analysis of the Landusky 1983 and 1991 Leach Pads. Presented to the Technical Working Group, July 25. 5 pp.
- Womack and Associates. 2000b. Stability Analysis of the Zortman 83, 85/86 and 89 Leach Pads. Presented to the Technical Working Group, July 25. 7 pp.
- Woods, Clyde M. 1993. Field notes from Meetings and Conversations with Tribal Members at Fort Belknap undertaken between April 15-17, 1993. On File, Woods Cultural Research, Inc., Evergreen, Colorado.
- Zortman Mining, Inc. (ZMI). 1996. Geologic Evaluation of the Zortman and Landusky Mine Sites and Surrounding Little Rocky Mountains.